K013542

FEB 1 4 2002

21.0 510(K) SUMMARY

Dentin Conditioning and Adhesive System (Bond-1) is used for adhesion to Dentin of various polymeric filling materials (composites) used with other conditioners or combination of conditioners for bonding of composite to metal including amalgam, gold, semi precious and non precious alloys, porcelain and glass and luting of same to dentin and enamel. Dentin Conditioning and Adhesive System (Bond-1) was approved by the FDA on September 12, 1997 under 510(k) # K973388.

We are adding a component called **Bond-1 Self Cure Activator** to be used in conjunction with Dentin Conditioning and Adhesive System (Bond-1). The formula for **Bond-1 Self Cure Activator** is attached in the application.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

FEB 1 4 2002

Ms. Annmarie Tenero
Jeneric/Pentron, Incorporated
53 North Plains Industrial Road
P.O. Box 724
Wallinford, Connecticut 06492-0724

Re: K013542
Trade/Device Name: Dentin Conditioning and Adhesive System (Bond-1)
Regulation Number: 872.3200
Regulation Name: Dental Adhesive System
Regulatory Class: II
Product Code: KLE
Dated: December 3, 2001
Received: December 4, 2001

Dear Ms. Tenero:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies.

You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 21 CFR Part 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4613dditionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address http://www.fda.gov/cdrh/dsma/dsmamain.html

Sincerely yours,

Timothy A. Ulatowski
Director
Division of Dental, Infection Control
and General Hospital Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

K013542

FEB 1 4 2002

6.0 EXECUTIVE SUMMARY

INDICATIONS FOR USE:

Dentin Conditioning and Adhesive System (Bond-1) is used for adhesion to Dentin of various polymeric filling materials (composites) used with other conditioners or combination of conditioners for bonding of composite to metal including amalgam, gold, semi precious and non precious alloys, porcelain and glass and luting of same to dentin and enamel. Dentin Conditioning and Adhesive System (Bond-1) was approved by the FDA on September 12, 1997 under 510(k) # K973388.

We are adding a component called **Bond-1 Self Cure Activator** to be used in conjunction with Dentin Conditioning and Adhesive System (Bond-1). The formula for **Bond-1 Self Cure Activator** is attached in the application.

MODIFIED OR ENHANCED VERSION OF PREDICATE DEVICE:
We are adding a component called **Bond-1 Self Cure Activator** to be used in conjunction with Dentin Conditioning and Adhesive System. The formula for **Bond-1 Self Cure Activator** is attached in the application. Bond-1 Self Cure Activator, when mixed with Dentin Conditioning and Adhesive System, will allow Bond-1 C&B to cure with or without the use of light.

IDENTIFY ALL ACCESSORIES:

R.B. Betz DDS for Dr. Susan Runner
(Division Sign-Off)
Division of Dental, Infection Control,
and General Hospital Devices
510(k) Number K013542